

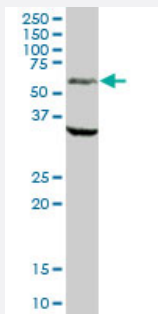
MaxPab®

MAOA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004128-B01P

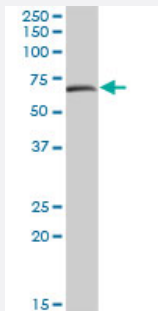
Size 50 ug

Applications



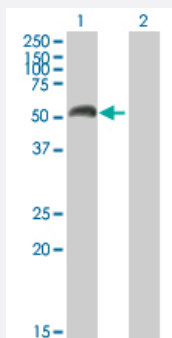
Western Blot (Tissue lysate)

MAOA MaxPab polyclonal antibody. Western Blot analysis of MAOA expression in human liver.



Western Blot (Tissue lysate)

MAOA MaxPab polyclonal antibody. Western Blot analysis of MAOA expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of MAOA expression in transfected 293T cell line ([H00004128-T01](#)) by MAOA MaxPab polyclonal antibody.

Lane 1: MAOA transfected lysate(57.97 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MAOA protein.

Immunogen	MAOA (AAH08064.1, 1 a.a. ~ 527 a.a) full-length human protein.
Sequence	MENQEKASIAGHMFDDVVVIGGGISGLSAAKLLTEYGVSVLVLEARDRVGGRTYTIRNEHVDYVDVG GAYVGPTQNRILRLSKELGIETYKVNVSERLVQYVKGKTYPFARGAFPPVWNPIAYLDYNNLWRTIDN MGKEIPTDAPWEAQHADKWDKMTMKELIDKICWTKTARRFAYLFVNINVTSEPHEVSALWFLWYV KQCGGTTRIFSVTNGGQERKFVGGSGQVSRIMDLLGDQVKLNHPVTHVDQSSDNIIETLNHEHY ECKYVINAIPPTLTAKIHFPELPAERNQLIQRPMGAVIKCMMYYKEAFWKKKDYCGCMIIEDEDA PISITLDDTKPDGSLPAIMGFILARKADRLAKLHKEIRKKKICELYAKVLGSGEALHPVHYEEKNWCE EQYSGGCYTAYFPPGIMTQYGRVIRQPVGRIFFAGTETATKWSGYMEGAVEAGERAAAREVLNGLG KVTEKDMVWQEPESKDVPVEITHTFWERNLPSVSGLLKIIGFSTSVTALGFVLYKYKLLPRS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

MAOA MaxPab polyclonal antibody. Western Blot analysis of MAOA expression in human liver.

[Protocol Download](#)

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MAOA MaxPab polyclonal antibody. Western Blot analysis of MAOA expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MAOA expression in transfected 293T cell line ([H00004128-T01](#)) by MAOA MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — MAOA

Entrez GeneID [4128](#)

GeneBank Accession# [BC008064.1](#)

Protein Accession# [AAH08064.1](#)

Gene Name MAOA

Gene Alias -

Gene Description monoamine oxidase A

Omim ID [309850](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes monoamine oxidase A, an enzyme that degrades amine neurotransmitters, such as dopamine, norepinephrine, and serotonin. The protein localizes to the mitochondrial outer membrane. The gene is adjacent to a related gene on the opposite strand of chromosome X. Mutation in this gene results in monoamine oxidase deficiency, or Brunner syndrome. [provided by RefSeq]

Other Designations OTTHUMP00000023165

Pathway

- [Arginine and proline metabolism](#)
- [Drug metabolism - cytochrome P450](#)
- [Glycine](#)
- [Histidine metabolism](#)
- [Metabolic pathways](#)
- [Phenylalanine metabolism](#)
- [Tryptophan metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Acute Disease](#)
- [Adolescent Psychology](#)
- [Alcoholism](#)
- [Alcohol-Related Disorders](#)
- [Alzheimer disease](#)
- [Aneuploidy](#)
- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Anxiety Disorders](#)
- [Attention](#)
- [Attention Deficit and Disruptive Behavior Disorders](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Avoidance Learning](#)
- [Awareness](#)
- [Basal Ganglia Diseases](#)
- [Bipolar Disorder](#)
- [Body Weight](#)
- [Borderline Personality Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Cataplexy](#)
- [Child Behavior Disorders](#)
- [Chronic Disease](#)

- [Cognition](#)
- [Cognition Disorders](#)
- [Conduct Disorder](#)
- [Consciousness](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Criminal Psychology](#)
- [Decision Making](#)
- [Dementia](#)
- [Depression](#)
- [Depressive Disorder](#)
- [Developmental Disabilities](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Diseases in Twins](#)
- [Dyskinesia](#)
- [Edema](#)
- [Epilepsy](#)
- [Fatigue](#)
- [Fatigue Syndrome](#)
- [Fibromyalgia](#)
- [Fragile X syndrome](#)
- [Gambling](#)
- [Genetic Predisposition to Disease](#)

- [Genetics](#)
- [Gout](#)
- [Headache](#)
- [Heroin Dependence](#)
- [Hyperalgesia](#)
- [Hyperkinesis](#)
- [Impulse Control Disorders](#)
- [Intelligence Tests](#)
- [Klinefelter Syndrome](#)
- [Language Tests](#)
- [Learning Disorders](#)
- [Lewy Body Disease](#)
- [Lung Neoplasms](#)
- [Memory](#)
- [Mental Disorders](#)
- [Mental Retardation](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Migraine without Aura](#)
- [Mood Disorders](#)
- [Narcolepsy](#)
- [NARP](#)
- [Nausea](#)
- [Neuropsychological Tests](#)
- [Neurotic Disorders](#)
- [Obesity](#)

- [Obsessive-Compulsive Disorder](#)
- [Ovarian Failure](#)
- [Overweight](#)
- [Pain](#)
- [Pain Threshold](#)
- [Panic Disorder](#)
- [Parkinson disease](#)
- [Personality Assessment](#)
- [Personality Disorders](#)
- [Personality Inventory](#)
- [Personality Tests](#)
- [Phobic Disorders](#)
- [Polycystic Ovary Syndrome](#)
- [Postoperative Complications](#)
- [Pregnancy Complications](#)
- [Premenstrual Syndrome](#)
- [Prenatal Exposure Delayed Effects](#)
- [Prostatic Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
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- [Reaction Time](#)
- [Restless Legs Syndrome](#)

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- [Sex Chromosome Aberrations](#)
- [Sleep](#)
- [Sleep Deprivation](#)
- [Sleep Disorders](#)
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- [Startle Reaction](#)
- [Stress](#)
- [Substance-Related Disorders](#)
- [Sudden Infant Death](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Tourette Syndrome](#)
- [Urinary Bladder Neoplasms](#)
- [Weight Gain](#)
- [Werner syndrome](#)
- [Wounds and Injuries](#)